

-1- (JAPIO)

ACCESSION NUMBER

TITLE

PATENT APPLICANT

INVENTORS

PATENT NUMBER

APPLICATION DETAILS

SOURCE

INT'L PATENT CLASS

JAPIO CLASS

ABSTRACT

85-175364

ZINC-ALKALINE PRIMARY CELL

(2000582) MATSUSHITA ELECTRIC IND CO LTD

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H01M-004/12

42.9 (ELECTRONICS--Other)

PURPOSE: To reduce the amalgamation factor of the  
negative-electrode zinc of a primary cell by  
amalgamating the Zn surface deposited with Ag and In,  
Ga, Tl, etc. for use as a negative-electrode active  
material.

CONSTITUTION: A surface layer concurrently containing  
Ag and one or more of In, Ga, Tl is formed on the  
surface of zinc powder. Next, at least this surface  
layer is amalgamated. This amalgamated zinc powder is  
used as a negative- electrode active material.

Accordingly, the amalgamation factor of negative-  
electrode zinc can be reduce and a cell can be made  
to have low environmental pollution without  
deteriorating the storage characteristic and leakage  
resistance of the zinc-alkaline primary cell.